

DECLARATION - USA PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD FOR THE DEPOSITION OF SILICON NITRIDE FILMS; the specification of which was filed on **October 20, 2003** as Application Serial No. **10/690,215** and was amended on **January 20, 2004**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Eric A.H. Timmermans**

Inventor's signature 

Date 03 FEB 2004

Residence: **Annie Romein-Verschoorstraat 61, 5612 SH Eindhoven, Netherlands**

Citizenship: **Netherlands**

Post Office Address: **same as above**

Full name of second inventor: **Maarten J. Teepe**

Inventor's signature 

Date 3 / 2 / 2004

Residence: **Putterlaan 41, 3722 WG Bilthoven, Netherlands**

Citizenship: **Netherlands**

Post Office Address: **same as above**

Full name of third inventor: **Raffaele Mucciato**

Inventor's signature Raffaele Mucciato

Date 8 February 2004

Residence: **Via Voltaire 36, Rome, Italy**

Citizenship: **Italian**

Post Office Address: **same as above**

Full name of fourth inventor: **Rudi Wilhelm**

Inventor's signature Rudi Wilhelm

Date 3 February 2004

Residence: **Spoorlaan 2, 3721 PB Bilthoven, Netherlands**

Citizenship: **Netherlands**

Post Office Address: **same as above**

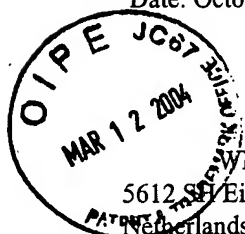
Send Correspondence To:
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

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No.: 10/690,215
Date: October 20, 2003

PATENT
Client Code: ASMINT.055AUS
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ASSIGNMENT



WHEREAS, We, Eric A.H. Timmermans, a Netherlands citizen, residing at Annie Romein-Verschoorstraat 61, 5612 SE Eindhoven, Netherlands, Maarten J. Teepe, a Netherlands citizen, residing at Putterlaan 41, 3722 WG Bilthoven, Netherlands, Raffaele Mucciato, an Italian citizen, residing at Via Voltaire 36, Rome, Italy and Rudi Wilhelm, a Netherlands citizen, residing at Spoorlaan 2, 3721 PB Bilthoven, Netherlands, have invented certain new and useful improvements in a METHOD FOR THE DEPOSITION OF SILICON NITRIDE FILMS for which we have filed an application for Letters Patent in the United States, filed as U.S. Application No. 10/690,215 on October 20, 2003 and was amended on January 20, 2004;

AND WHEREAS, ASM International N.V. (hereinafter "ASSIGNEE"), a Netherlands Corporation, with its principal place of business at ASM INTERNATIONAL N.V., Jan van Eycklaan 10, Bilthoven, 3723 BC, The Netherlands, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 03 day of February, 2004

Eric A.H. Timmermans

Witness Signature

R. Voorneveld

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 03 day of February, 2004

Maarten J. Teepe

M. Teepe

Witness Signature

P.M. Dussel

No.: 10/690,215
Date: October 20, 2003

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Client Code: ASMINT.055AUS
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 8th day of February, 2004

Raffaele Mucciato
Raffaele Mucciato

Antonio De Cecco
Witness Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of February, 2004

Rudi Wilhelm
Rudi Wilhelm

W. P. Schaefer
Witness Signature



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Timmermans et al.)
App. No. : 10/690,215)
Filed : October 20, 2003)
For : METHOD FOR THE DEPOSITION)
OF SILICON NITRIDE FILMS)
Examiner : Unknown)

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this .

App. No. : 10/690,215
Filed : October 20, 2003

application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

ASM International N.V.

Dated: 23 February 2004

By: 
Menso Hendriks

Title: Central IP Officer

Address: Jan van Eycklaan 10
Bilthoven, 3723 BC
The Netherlands

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